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[54] **METHOD FOR MAKING A WAFER-PAIR
HAVING SEALED CHAMBERS**

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[57] **ABSTRACT**

A method for fabricating a wafer-pair having at least one recess in one wafer and the recess formed into a chamber with the attaching of the other wafer which has a port plugged with a deposited layer on its external surface. The deposition of the layer may be performed in a very low pressure environment, thus assuring the same kind of environment in the sealed chamber. The chamber may enclose at least one device such as a thermoelectric sensor, bolometer, emitter or other kind of device. The wafer-pair typically will have numerous chambers, with devices, respectively, and may be divided into a multiplicity of chips.

24 Claims, 4 Drawing Sheets

